In the Claims

Please amend the claims as indicated below. The language being added is underlined ("___") and the language being deleted contains strikethrough ("—"):

1. (Original) A wireless transceiver for providing high speed wireless media access, comprising:

a local transceiver which is capable of transmitting data, via a transmit path while receiving a feedback signal via a receive path;

a feedback generator connected to said local transceiver for generating and transmitting a feedback signal in response to said wireless transceiver receiving data; and

a feedback detector connected to said local transceiver for detecting feedback signals.

2. (Original) The wireless transceiver of claim 1, wherein said wireless transceiver ceases transmission of data upon detection of said feedback signal from a second wireless transceiver.

3. (Original) The wireless transceiver of claim 1, wherein said wireless transceiver is used within a wireless system.

4. (Original) The wireless transceiver of claim 1, wherein said local transceiver further comprises a circulator for minimizing attenuation of a received signal, and a radio frequency echo canceler for minimizing self interference, wherein said local

transceiver achieves isolation between transmit and receive paths of said wireless transceiver.

5. (Original) The wireless transceiver of claim 1, wherein said data transmission is a wide band data transmission and said feedback signal is a narrow-band feedback signal.

6. (Currently Amended) The wireless transceiver of claim 1, wherein said transmitting of said feedback ~~symbol~~ signal is performed within a frequency null to provide isolation between said transmit path and said receive path.

7. (Original) The wireless transceiver of claim 1, wherein said local transceiver performs isolation between said transmit path and said receive path through use of a radio frequency echo canceler located within said local transceiver.

8. (Original) The wireless transceiver of claim 1, wherein said feedback detector further comprises an energy detector which is capable of detecting a specific amount of energy within a feedback channel, that is representative of a feedback signal.

9. (Original) The wireless transceiver of claim 8, wherein detection of said specific amount of energy results in said wireless transceiver ceasing transmission of data until said feedback signal is de-asserted.

10. (Original) The wireless transceiver of claim 8, wherein said specific amount of energy is derived from said feedback generator which is capable of injecting energy within a particular frequency.

11. (Original) A wireless transceiver for providing high speed wireless media access, comprising:

a means for transmitting data via a transmit path, while receiving a feedback signal via a receive path;

a means for generating and transmitting a feedback signal in response to receiving data, connected to said means for transmitting data; and

a means for detecting feedback signals, connected to said means for transmitting data.

12. (Original) The wireless transceiver of claim 11, wherein said wireless transceiver ceases transmission of data upon detection of said feedback signal from a second means for transmitting data.

13. (Original) The wireless transceiver of claim 11, wherein said wireless transceiver is used within a wireless system.

14. (Original) The wireless transceiver of claim 11, wherein said means for transmitting data further comprises a means for minimizing attenuation of a received

signal, and a means for minimizing self interference, wherein said means for transmitting data achieves isolation between transmit and receive paths of said wireless transceiver.

15. (Original) The wireless transceiver of claim 11, wherein said data transmission is a wide band data transmission and said feedback signal is a narrow-band feedback signal.

16. (Currently Amended) The wireless transceiver of claim 11, wherein said transmission of said feedback ~~symbol~~ signal is performed within a frequency null to provide isolation between said transmit path and said receive path.

17. (Original) The wireless transceiver of claim 11, wherein said means for transmitting data performs isolation between said transmit path and said receive path through use of an isolation means located within said means for transmitting data.

18. (Original) The wireless transceiver of claim 11, wherein said means for detecting feedback signals further comprises a means of detecting a specific amount of energy within a feedback channel, that is representative of a feedback signal.

19. (Original) The wireless transceiver of claim 18, wherein detection of said specific amount of energy results in said wireless transceiver ceasing transmission of data until said feedback signal is de-asserted.

20. (Original) The wireless transceiver of claim 18, wherein said specific amount of energy is derived from said means for generating and transmitting a feedback signal, which is capable of injecting energy within a particular frequency.

21. (Original) A method of providing high speed wireless media access between a series of wireless transceivers, comprising the steps of:

testing for a specified amount of energy within a data channel of a first wireless transceiver;

decoding data associated with said specified amount of energy in response to detecting said specified amount of energy;

said series of wireless transceivers transmitting a feedback signal within said series of wireless transceivers in order to stop the transmission of data within said series of wireless transceivers until a destination of said data is determined;

identifying a destination address, associated with a destination wireless transceiver, for said data from said decoded data; and

ceasing the transmission of said feedback signal by all wireless transceivers within said series of wireless transceivers, except by said destination wireless transceiver.

22. (Original) The method of claim 21, wherein said steps of testing for said specified amount of energy and identifying said destination address, are performed simultaneously.

23. (Original) The method of claim 21, wherein said method is provided within a wireless communication system.